



REGISTRATION AND POWER OF ATTORNEY FOR PATENT
APPLICATION

Attorney Docket No.: CSD-173 (51100)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated
below next to my name,

I believe I am the original, first and sole inventor (if only one
name is listed below) or an original, first and joint inventor
(if plural names are listed below) of the subject matter which is
claimed and for which a patent is sought on the invention
entitled: OPTICALLY AMPLIFIED RECEIVER, the specification of
which:

(check one)

_____ is attached hereto

X was filed on November 28, 2000

as Application Serial No. 09/724,256

and was amended on _____
(if applicable)

I hereby state that I have reviewed and understand the contents
of the above-identified specification, including the claims, as
amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material
to the examination of this application in accordance with Title
37, Code of Federal Regulation, 1.56(a).

I hereby claim foreign priority benefits under Title 35, United
States Code, 119 of any foreign application(s) for patent or
inventor's certificate listed below and have also identified
below any foreign application for patent or inventor's
certificate having a filing date before that of the of the
application on which priority is claimed:

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Prior Foreign Application(s) Priority Claimed

_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	[] Yes	[] No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	[] Yes	[] No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	[] Yes	[] No

I hereby claim the benefit under Title 35, United States Code, 120, of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

_____ (Appln Serial No.) (patented, pending, aban.)	_____ (Filing Date)	_____ (Status)
_____ (Appln Serial No.) (patented, pending, aban.)	_____ (Filing Date)	_____ (Status)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

English Language Declaration

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: **Christopher F. Regan**, Reg. No. 34,906; **Jeffrey S. Whittle**, Reg. No. 36,382; **Herbert L. Allen**, Reg. No. 25,322; **David L. Sigalow**, Reg. No. 36,006; **Richard K. Warther**, Reg. No. 32,180; **Michael W. Taylor**, Reg. No. 43,182; **Enrique Estevez**, Reg. No. 37,823; **John F. Woodson, II**, Reg. No. 45,236; **Charles E. Wands**, Reg. No. 25,649; **Jacqueline E. Hartt**, Reg. No. 37,845; **Mark R. Malek**, Reg. No. 46,894; **Richard A. Hinson**, Reg. No. 47,652; **Ashkan Najafi**, Reg. No. P-49,078; **Leslie J. Hart**, Reg. No. 26,462; **Harry M. Fleck**, Reg. No. 24,704; **Michael S. Yatsko**, Reg. No. 28,135 and **Bidyut K. Niyogi**, Reg. No. 27,071.

Send Correspondence to:

RICHARD K. WARTHER, ESQUIRE
ALLEN, DYER, DOPPELT, MILBRATH & GILCHRIST, P.A.
P.O. Box 3791
Orlando, Florida 32802-3791

Direct Telephone Calls to:

Richard K. Warther
(407) 841-2330

Full name of inventor: **Randall K. MORSE**

Inventor's
Signature: *Randall K. Morse*

Date: 11-5-01

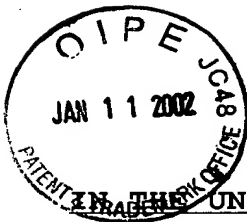
Residence: **Palm Bay, Florida**
Citizenship: **Citizen of United States**
Mailing Address: **1315 Olden Avenue, NW**
Palm Bay, Florida 32907

Full name of inventor: **Jane Claire WHITE**

Inventor's
Signature: *Jane C. White*

Date: 11-5-01

Residence: **Melbourne, Florida**
Citizenship: **Citizen of United States**
Mailing Address: **561 ^{JCW} Loveridge Drive** **Loveridge**
Melbourne, Florida 32935-6812



UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)
DeSALVO ET AL.)
Serial No. 09/724,256)
Filing Date: November 28, 2000)
For: OPTICALLY AMPLIFIED)
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CONSENT OF ASSIGNEE, HARRIS CORPORATION,
TO CORRECT INVENTORSHIP PURSUANT TO 37 CFR § 1.48

Director, U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

The assignee of the above identified patent application, HARRIS CORPORATION, a Delaware Corporation, hereby grants consent to add **Randall K. Morse and Jane Claire White** as additional inventors for the above-identified patent application.

Harris Corporation certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventors of the patent application. The original assignment was fully executed in December 2000 and a copy of the executed Assignment is enclosed herewith.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this consent of the assignee on behalf of the Assignee.

In re Patent Application of:
DeSALVO ET AL.
Serial No. **09/724,256**
Filing Date: **11/28/2000**
_____ /

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Respectfully submitted,

Leslie J. Hart
(Signature)

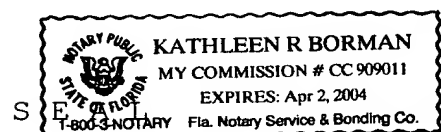
Leslie J. Hart
(Name)

V.P. Counsel
(Title)

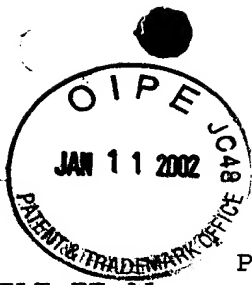
HARRIS CORPORATION

State of Florida :
: ss.
County of Brevard :

On this 6th day of November, 2001, before me personally appeared Leslie J. Hart empowered to act on behalf of the assignee, HARRIS CORPORATION, to me personally known/provided identification (personally known) as the individual who executed the foregoing consent of assignee, and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.



Kathleen R. Borman
Notary Public
My commission expires: 4-2-04



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JULY 20, 2001

PTAS

ALLEN, DYER, DOPPELT ET AL.
RICHARD K. WARTHER, ESQ.
255 S. ORANGE AVE.
P.O. BOX 3791
ORLANDO, FL 32802



101711471A

**UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/27/2001

REEL/FRAME: 011764/0977
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
DESALVO, JOHN

DOC DATE: 12/19/2000

ASSIGNOR:
LANGE, MICHAEL

DOC DATE: 12/20/2000

ASSIGNOR:
BRICKER, SCOTT

DOC DATE: 12/19/2000

ASSIGNEE:
HARRIS CORPORATION
1025 WEST NASA BLVD.
MELBOURNE, FLORIDA 32919

SERIAL NUMBER: 09724256
PATENT NUMBER:

FILING DATE: 11/28/2000
ISSUE DATE:

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SEDLEY PYNE, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

to the Honorable Commissioner of Patents and
original documents or copy thereof.

1. Name of conveying party (ies):
John DeSALVO
Michael LANGE
Scott BRICKER
2. Name and address of receiving party(ies):
Name: Harris Corporation
Address: 1025 West NASA Blvd.
Melbourne, FL 32919

3. Nature of Conveyance:
(X) Assignment
() Security Agreement
() Other
Execution Date: December 19, 2000, December 20, 2000

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is:
A. Patent application No.(s)
09/724,256
B. Patent No.(s)
Additional numbers attached? () Yes (X) No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Richard K. Warther, Esq.
Internal Address: Allen, Dyer,
Doppelt, Milbrath & Gilchrist, P.A.
Street Address: 255 S. Orange Ave.
P.O. Box 3791
City: Orlando
State: Florida Zip: 32802
6. Total number of applications and patents involved: [1]
7. Total fee (37 CFR 3.41).....\$ 40.00
[] Enclosed
[X] Authorized to be charged to deposit account.
8. Deposit Account Number:
08-0870
If any additional extension and/or fee is required, or, if any additional fee for claims is required.

9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.
Richard K. Warther
Name of Person Signing
Signature
Date
April 24, 2001
Total number of pages including cover sheet, attachments and document: [4]

A S S I G N M E N T

WHEREAS, **John DeSALVO** of Satellite Beach, Florida, and **Michael LANGE** of Palm Bay, Florida, and **Scott BRICKER** of Palm Bay, Florida; hereinafter referred to as **ASSIGNORS**, have made certain improvements or inventions in **OPTICALLY AMPLIFIED RECEIVER**, for which **ASSIGNORS** have executed an application for United States Letters Patent filed on **November 28, 2000** in the United States Patent and Trademark Office, and assigned **Serial No. 09/724,256**; and

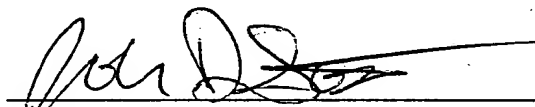
WHEREAS, **HARRIS CORPORATION**, a Delaware corporation, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the same;

NOW THEREFORE, This Indenture Witnesseth: That for good and valuable consideration, receipt whereof is hereby acknowledged, said **ASSIGNORS** do hereby sell, assign and transfer to said **ASSIGNEE**, its successors and assigns, all right, title and interest in and to said United States Patent application, the invention or inventions therein shown and described and any improvements on said inventions heretofore or hereafter made, any divisions or continuations of said application, and all patents, United States and foreign, to be granted upon any such application or for the invention or inventions thereof, and any reissues, continuations or extensions of said patents; and said **ASSIGNORS** do hereby authorize and request the Commissioner of Patents to issue all patents on said United States Patent applications or for the invention or inventions hereof, in accordance with this assignment.

And said **ASSIGNORS** for said consideration hereby covenants and agrees that said **ASSIGNORS** are the owners of the full title herein conveyed and have the right to convey the same,

and agree that said **ASSIGNORS** will communicate to said **ASSIGNEE** any facts known to said **ASSIGNORS** respecting said invention or inventions, and testify in any legal proceedings when called upon by said **ASSIGNEE**, sign all lawful papers deemed by said **ASSIGNEE** as expedient to vest in it the legal title herein sought to be conveyed or for the filing and prosecution of all applications and patents, United States and foreign, and otherwise aid said **ASSIGNEE**, its successors and assigns, in obtaining full patent protection on said invention and enforcing proper protection under said patents, but in every instance at the **ASSIGNEE'S** expense.

In Witness Whereof, I have hereunto set my hand and seal this 19th day of December, 2000.



JOHN DeSALVO

State of Florida :
: ss.
County of BREVARD :

On this 19th day of December, 2000,
before me personally appeared the above-named ASSIGNOR, **JOHN DeSALVO**, to me personally known as the individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.



Notary Public
My commission expires: 8/21/03

S E A L



Wendy-Lynn Reeves
My Commission CC851315
Expires August 21, 2003

In Witness Whereof, I have hereunto set my hand
and seal this 20th day of DECEMBER, 2000.


MICHAEL LANGE

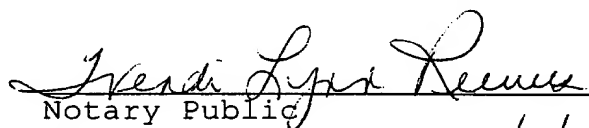
State of Florida :
: ss.
County of BREVARD :

On this 20th day of December, 2000,
before me personally appeared the above-named ASSIGNOR, **MICHAEL
LANGE**, to me personally known as the individual who executed the
foregoing assignment, and who acknowledged to me that he executed
the same of his own free will for the purposes therein set forth.

S E A L



Wendi-Lynn Reeves
My Commission CC851315
Expires August 21, 2003


Notary Public

My commission expires: 8/21/03

In Witness Whereof, I have hereunto set my hand
and seal this 19 day of December, 2000.


SCOTT BRICKER

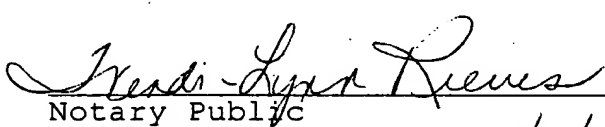
State of Florida :
: ss.
County of BREVARD :

On this 19th day of December, 2000,
before me personally appeared the above-named ASSIGNOR, **SCOTT
BRICKER**, to me personally known as the individual who executed
the foregoing assignment, and who acknowledged to me that he
executed the same of his own free will for the purposes therein
set forth.

S E A L



Wendi-Lynn Reeves
My Commission CC851315
Expires August 21, 2003


Notary Public

My commission expires: 8/21/03